CALIFORNIA BUILDING CODE (2006 IBC)
PUBLIC PROPOSAL FORM

INTERNATIONAL CODE COUNCIL®

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1) **Indicate the format in which you would like to receive your Public Proposals Monograph (PPM), Report of the Hearing (ROH) and Final Action Agenda (FAA):**

[X] Paper [ ] * CD [ ] *Download from ICC Website

(*Note: A paper copy will not be sent to you if you have chosen the CD or Download format.)

2) **PLEASE TYPE OR PRINT CLEARLY: FORMS WILL BE RETURNED if they contain unreadable information.**

Name:	Rick Thornberry, P.E.			Date:	12-23-05
Jurisdiction/Company:	The Code Consortium, Inc.				
Submitted on Behalf of:	Alliance for Fire and Smoke Containment and Control (AFSCC)				
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3) ***Signature:** _____ [x] **Signature on File (see over)**

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4) **Cost Impact:** **Indicate if this Proposal:** [ ] **will** [ ] **will not** **increase the cost of construction.**

5) Indicate appropriate International Code(s) associated with this Public Proposal – Please use Acronym: **IBC**

If you have also submitted a separate coordination change to another I-Code, please indicate the code: _____
(See back of this form for list of names and acronyms for the International Codes).

6) **Revision to:** [ ] **Section** _____ [X] **Table** **602** [ ] **Figure** _____

7) **PROPOSAL Please check appropriate box:**

[X] **Revise as follows:** [ ] **Add new text as follows** [ ] **Delete and substitute as follows:** [ ] **Delete without Substitution(s):**

Show the proposed NEW, REVISED or DELETED TEXT in legislative format: ~~Line through text to be deleted.~~ Underline text to be added.

TABLE 602
FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE[a]

FIRE SEPARATION DISTANCE (feet)	TYPE OF CONSTRUCTION	GROUP H	GROUP F-1, M, S-1	GROUP A, B, E, F-2, I, R[b], S-2, U
< 5[c]	All	~~3~~ 4	~~2~~ 4[d]	~~1~~ 4[d]
∃ 5 < 10	I-A Others	3 2	2 ~~1~~ 2[d]	~~1~~ 2 ~~1~~ 2[d]
∃ 10 < 30	I-A, I-B II-B, V-B Others	2 1 1	1 ~~0~~ 1 1	1 ~~0~~ 1 1
∃ 30	All	0	0	0

For SI: 1 foot = 304.8 mm.

a. Load-bearing exterior walls shall also comply with the fire-resistance rating requirements of Table 601.

b. Group R-3 and Group U when used as accessory to Group R-3, as applicable in Section 101.2 shall not be required to have a fire-resistance rating where fire separation distance is 3 feet or more.

c. See Section 503.2 for party walls

d. Types II and V construction shall be permitted to have a minimum 1 hour fire-resistance rating.

☐ PROPOSAL *Continued* (Attach additional sheets as necessary)

8) SUPPORTING INFORMATION (State purpose and reason, and provide substantiation to support proposed change):
International Building Code (IBC) Table 602 Fire-Resistance Rating Requirements For Exterior Walls Based on Fire Separation Distance specifies the fire resistance rating requirements for exterior walls, whether they are bearing or nonbearing, based on their fire separation distance as measured to property lines or imaginary property lines between buildings on the same property. Although this concept is similar to the 1997 *Uniform Building Code* (UBC), the fire resistance ratings are less. Also factored into the determination of the minimum required fire resistance ratings of exterior walls is the occupancy classification of the building which relates to the potential fire severity that could occur in the building and thus expose an adjacent building should the fire break out the windows. This is also similar to the approach taken in UBC Table 5-A. However, because the occupancy classifications of the two codes differ in many respects and because the break points for fire separation distances are different, it is somewhat difficult to make a direct comparison between the IBC and the UBC to see exactly how much less the required fire resistance ratings are for exterior walls under the IBC as compared to the UBC. Nevertheless, such an analysis will reveal that, in general, the fire resistance ratings of exterior walls in the IBC are less and, in some instances significantly less, than those required in the UBC.

The 1997 *Uniform Building Code* (UBC) requires higher fire resistance ratings for exterior non-bearing walls for Types I, II-F.R., III, and IV construction [Types I, III, and IV construction according to the *International Building Code* (IBC)]. This change will require those types of construction to have higher fire resistance ratings consistent with the concept of the higher fire resistance ratings for exterior walls in Table 5-A of the UBC. Exterior walls in Types I, III and IV construction have traditionally been required to have these higher fire resistance ratings to protect against exterior fire exposures from adjacent buildings.

☐ SUPPORTING INFORMATION *Continued* (Attach additional sheets as necessary)